



Client	Project	Application	Year
MET. RO	METRO ROMA - ITALY	Traction	1988
MET. RO	METRO ROMA - ITALY	Auxiliary	1988
Landi S.p.A.	METRO MILANO - ITALY	Traction	1989
Landi S.p.A.	METRO MILANO - ITALY	Auxiliary	1989
Ansaldo STS S.p.A.	METRO NAPOLI - ITALY	Traction	1989
Cegelec	AEROPORT PARIS ORLY- FRANCE - TRAIN VAL	Traction	1990
Cegelec	AEROPORT PARIS ORLY- FRANCE - TRAIN VAL	Auxiliary	1990
Ansaldo STS S.p.A.	METRO GENOVA - ITALY	Traction	1991
Torricelli S.r.l.	METRO MILANO - ITALY	Traction	1992
Torricelli S.r.l.	METRO MILANO - ITALY	Auxiliary	1992
AEG	KUALA LUMPUR METRO	Traction	1994
AEG	KUALA LUMPUR METRO	Auxiliary	1994
Alstom Transport	METRO BERGEN - NORWAY	Traction	1994
Alstom Transport	METRO BERGEN - NORWAY	Auxiliary	1994
Ansaldo Trasporti	METROVIAS ARGENTINAS	Traction	1995
Ansaldo Trasporti	METROVIAS ARGENTINAS	Auxiliary	1995
Siemens AG	METRO BUENOS AIRES - ARGENTINA	Traction	1995
Siemens AG	METRO BUENOS AIRES - ARGENTINA	Auxiliary	1995
SO.I.M. S.r.l.	METRO ROMA - ITALY	Traction	1995
SO.I.M. S.r.l.	METRO ROMA - ITALY	Auxiliary	1995
Rexel Italia S.p.A.	RFI - Railway - GENOVA - ITALY	Traction	1995
Rexel Italia S.p.A.	RFI - Railway - GENOVA - ITALY	Auxiliary	1995
Siemens Argentina	METROVIAS ARGENTINAS	Traction	1996
Siemens Argentina	METROVIAS ARGENTINAS	Auxiliary	1996
Com Cavi	METRO NAPOLI	Traction	1998
Com Cavi	METRO NAPOLI	Auxiliary	1998
CYMI Suministros	Train station , SPAIN	Traction	1998
CYMI Suministros	Train station , SPAIN	Auxiliary	1998

Siemens S.A .	METRO BUENOS AIRES	Traction	1998
Siemens S.A .	METRO BUENOS AIRES	Auxiliary	1998
Technogest	METRO LYON	Traction	1999
Technogest	METRO LYON	Auxiliary	1999
Alstom Transport	METRO LYON	Traction	1999
Alstom Transport	METRO LYON	Auxiliary	1999
Balfour Beatty Rail	METRO KUALA LUMPUR - Malaysia	Traction	1999
Balfour Beatty Rail	METRO KUALA LUMPUR - Malaysia	Auxiliary	1999
ETDE	TROLLEYBUS LYON FRANCE - ACHILLE LIGNON	Traction	2000
ETDE	TROLLEYBUS LYON FRANCE - ACHILLE LIGNON	Auxiliary	2000
Siemens	METRO OSLO	Traction	2001
Siemens	METRO OSLO	Auxiliary	2001
Ansaldo Trasporti	METRO COPENAGHEN - DENMARK	Traction	2001
Ansaldo Trasporti	METRO COPENAGHEN - DENMARK	Auxiliary	2001
Rexel Italia S.p.A.	RFI - Railway - BOLOGNA - ITALY	Traction	2001
Rexel Italia S.p.A.	RFI - Railway - BOLOGNA - ITALY	Auxiliary	2001
Siemens AG	METRO SANTIAGO - CHILE	Traction	2002
Siemens AG	METRO SANTIAGO - CHILE	Auxiliary	2002
ETDE	TROLLEYBUS LYON FRANCE - VIVIER MERLE	Traction	2002
ETDE	TROLLEYBUS LYON FRANCE - VIVIER MERLE	Auxiliary	2002
Cegelec	AEROPORT ROISSY CHARLES DE GAUELLE - PARIS - FRANCE	Traction	2002
Cegelec	AEROPORT ROISSY CHARLES DE GAUELLE - PARIS - FRANCE	Auxiliary	2002
ETDE	METRO MOUHLOUSE - FRANCE	Traction	2002
ETDE	METRO MOUHLOUSE - FRANCE	Auxiliary	2002
Gemmo	METROBUS PADOVA	Traction	2003
Gemmo	METROBUS PADOVA	Auxiliary	2003
Neeltran U.S.A.	METRO MILWAKEE	Traction	2003
Siemens	METRO OSLO	Traction	2003
Siemens	METRO OSLO	Auxiliary	2003
ETDE	METRO TOULOUSE - FRANCE	Auxiliary	2003
Trentino Trasporti S.p.A.	TROLLEYBUS TRENTO - ITALY	Traction	2003
Trentino Trasporti S.p.A.	TROLLEYBUS TRENTO - ITALY	Auxiliary	2003
HOMIJ	METRO ROTTERDAM - THE NEDERLAND	Traction	2004
HOMIJ	METRO ROTTERDAM - THE NEDERLAND	Auxiliary	2004

GTT	METRO TORINO ITALY	Traction	2004
GTT	METRO TORINO ITALY	Auxiliary	2004
Siemens	METRO TORINO ITALY	Traction	2004
Imtech Infra	METRO ROTTERDAM - THE NETHERLAND	Traction	2004
Imtech Infra	METRO ROTTERDAM - THE NETHERLAND	Auxiliary	2004
SPIE	METROPOLITA' DE BARCELONA - Linea 9 - SPAIN	Traction	2004
SPIE	METROPOLITA' DE BARCELONA - Linea 9 - SPAIN	Auxiliary	2004
Cegelec	TROLLEYBUS ROTTERDAM - THE NEDERLAND	Traction	2005
Cegelec	TROLLEYBUS ROTTERDAM - THE NEDERLAND	Auxiliary	2005
Siemens AG	METRO SANTIAGO CHILE	Traction	2005
Siemens AG	METRO SANTIAGO CHILE	Auxiliary	2005
Ferrocarril	METROPOLITA' DE BARCELONA - Linea 9 - SPAIN	Traction	2005
Ferrocarril	METROPOLITA' DE BARCELONA - Linea 9 - SPAIN	Auxiliary	2005
Ferrocarril Valenciana	METRO VALENCIA - SPAIN	Traction	2005
Ferrocarril Valenciana	METRO VALENCIA - SPAIN	Auxiliary	2005
ETDE	TROLLEYBUS C3 LINE LYON - FRANCE	Traction	2006
ETDE	TROLLEYBUS C3 LINE LYON - FRANCE	Auxiliary	2006
Ansaldo Trasporti	TROLLEYBUS TUNIS	Traction	2006
Ansaldo Trasporti	TROLLEYBUS TUNIS	Auxiliary	2006
Siemens AG	METRO ALICANTE - SPAIN	Traction	2006
Siemens AG	METRO ALICANTE - SPAIN	Auxiliary	2006
Siemens AG	LIGHT METRO SEVILLA – SPAIN	Traction	2006
Siemens AG	LIGHT METRO SEVILLA – SPAIN	Auxiliary	2006
Siemens AG	METRO VALENCIA - SPAIN	Traction	2006
Siemens AG	METRO VALENCIA - SPAIN	Auxiliary	2006
Siemens AG	METRO DE PALMA DE MALLORCA - SPAIN	Traction	2006
Siemens AG	METRO DE PALMA DE MALLORCA - SPAIN	Auxiliary	2006
Spie Rail	METRO DE MARSEILLE - LIGNE 1 - FRANCE	Traction	2006
Spie Rail	METRO DE MARSEILLE - LIGNE 1 - FRANCE	Auxiliary	2006
Parsian Rail	METRO TEHERAN	Traction	2006
Parsian Rail	METRO TEHERAN	Auxiliary	2006
Efacec	METRO CADICE - SPAIN	Traction	2006
Efacec	METRO CADICE - SPAIN	Auxiliary	2006
VIMAC	METRO ZARAGOZA - SPAIN	Traction	2006

VIMAC	METRO ZARAGOZA - SPAIN	Auxiliary	2006
Siemens AG	METRO LEGERO SEVILLA - COCHERAS -SPAIN	Traction	2007
Siemens AG	METRO LEGERO SEVILLA - COCHERAS -SPAIN	Auxiliary	2007
Spie Rail	DOCKLANDS LIGHT RAILWAY – LONDON - UK	Traction	2007
Spie Rail	DOCKLANDS LIGHT RAILWAY – LONDON - UK	Auxiliary	2007
SIEG	TRAMVIA BERGAMO - ITALY	Traction	2007
SIEG	TRAMVIA BERGAMO - ITALY	Auxiliary	2007
Siemens	METRO ALGIERS	Traction	2007
Siemens	METRO ALGIERS	Auxiliary	2007
TIAB S.A.	METRO BUCHAREST - RUMENIA	Traction	2007
TIAB S.A.	METRO BUCHAREST - RUMENIA	Auxiliary	2007
Balikesir Elektromekanik	METRO SAMSUN - TURKEY	Traction	2007
Balikesir Elektromekanik	METRO SAMSUN - TURKEY	Auxiliary	2007
Balfour Beatty Rail	METRO BILBAO - SPAIN	Traction	2007
Balfour Beatty Rail	METRO BILBAO - SPAIN	Auxiliary	2007
Busi Impianti S.p.A.	METRO BOLOGNA - ITALY	Traction	2007
Busi Impianti S.p.A.	METRO BOLOGNA - ITALY	Auxiliary	2007
Siemens	METRO OSLO	Traction	2008
Siemens	METRO OSLO	Auxiliary	2008
Alstom Transport	Metro Riyadh - Princess Nura Bint Abdulrahman University for Women	Traction	2008
Alstom Transport	Metro Riyadh - Princess Nura Bint Abdulrahman University for Women	Auxiliary	2008
CYMI Suministros	METROPOLITA' DE BARCELONA - Linea 9 - SPAIN	Traction	2008
CYMI Suministros	METROPOLITA' DE BARCELONA - Linea 9 - SPAIN	Auxiliary	2008
EdS Infrastrutture S.p.A.	METRO PALERMO - ITALY	Traction	2008
EdS Infrastrutture S.p.A.	METRO PALERMO - ITALY	Auxiliary	2008
Secheron	TROLLEYBUS TEHERAN - IRAN	Traction	2008
Fara Niroo	SHIRAZ URBAN RAIL - IRAN	Traction	2008
Fara Niroo	SHIRAZ URBAN RAIL - IRAN	Auxiliary	2008
Siemens	METRO OSLO	Traction	2009
Siemens	METRO OSLO	Auxiliary	2009
Parsian Rail Power S.	TEHERAN METRO Line 4 - IRAN	Traction	2009
Parsian Rail Power S.	TEHERAN METRO Line 4 - IRAN	Auxiliary	2009
Mapna MRC	ESFAHAN METRO Line 1 - IRAN	Traction	2011
Mapna MRC	ESFAHAN METRO Line 1 - IRAN	Auxiliary	2011

Mapna MRC	ESFAHAN METRO Line 3 - IRAN	Traction	2011
Mapna MRC	ESFAHAN METRO Line 3 - IRAN	Auxiliary	2011
Mont-Ele S.r.l.	METRO TAIPEI	Traction	2012
Mont-Ele S.r.l.	METRO TAIPEI	Auxiliary	2012
Ansaldo STS S.p.A.	METRO COPENAGHEN - DENMARK	Traction	2012
Ansaldo STS S.p.A.	METRO COPENAGHEN - DENMARK	Auxiliary	2012
Mapna MRC	QOM MONORAIL - IRAN	Traction	2012
Mapna MRC	QOM MONORAIL - IRAN	Auxiliary	2012
Atac	Metro - Roma	Traction	2013
Siemens	METRO OSLO	Traction	2013
Siemens	METRO OSLO	Auxiliary	2013
Sebab	METRO STOCCOLMA	Traction	2013
Sebab	METRO STOCCOLMA	Auxiliary	2013
Balfour Beatty Rail S.p.A.	METRO MILANO - ITALY	Traction	2013
Balfour Beatty Rail S.p.A.	METRO MILANO - ITALY	Auxiliary	2013
Imtech Traffic & Infra B.V.	METRO AMSTERDAM	Traction	2013
Imtech Traffic & Infra B.V.	METRO AMSTERDAM	Auxiliary	2013
Parsian Rail & Power	METRO TEHERAN	Traction	2013
Parsian Rail & Power	METRO TEHERAN	Auxiliary	2013
Colas Rail Algerie	METRO ALGERI	Traction	2013
Colas Rail Algerie	METRO ALGERI	Auxiliary	2013
Mont-Ele S.r.l.	METRO MILANO - ITALY	Traction	2013
Mont-Ele S.r.l.	METRO MILANO - ITALY	Auxiliary	2013
Imtech	METRO DEN HAAG	Traction	2013
UTE L9	METRO BARCELONA	Auxiliary	2013
Prasarana	METRO KUALA LUMPUR - Malaysia	Traction	2013
Prasarana	METRO KUALA LUMPUR - Malaysia	Auxiliary	2013
Secheron	DUBAI INT'L AIRPORT - APM (AUTOMATED PEOPLE MOVING)	Traction	2013
Aktif	METRO KONYA	Traction	2014
Aktif	METRO KONYA	Auxiliary	2014
Ansaldo STS S.p.A.	METRO MILANO - ITALY	Traction	2014
UTE Terrassa	METRO BARCELONA	Traction	2014
UTE Terrassa	METRO BARCELONA	Auxiliary	2014
Secheron	METRO SAN PAOLO	Traction	2014


Siemens	METRO BERGEN L3	Auxiliary	2014
Siemens	METRO BERGEN L3	Traction	2014
Efacec	METRO DUBLIN	Traction	2014
Bouygues E&S	METRO LYON	Traction	2014
Bouygues E&S	METRO LYON	Auxiliary	2014
Siemens LLC	QATAR EDUCATION CITY - PEOPLE MOVER PROJECT	Traction	2014
Siemens LLC	QATAR EDUCATION CITY - PEOPLE MOVER PROJECT	Auxiliary	2014
Farab	MASHHAD METRO LINE 2 - IRAN	Traction	2014
Mapna MRC	TEHRAN METRO NORTHERN LINE 3 -IRAN	Traction	2014
Efacec	METRO CADICE - SPAIN	Traction	2014
Ansaldo STS S.p.A.	METRO MILANO LINE 4 - ITALY	Traction	2015
Omexom	METRO ROTTERDAM / BOL - NEDERLAND	Traction	2015
Secheron	RBS WORB - SWITZERLAND	Traction	2015
Secheron	RBB AARAU-MUHEN-UERKENBRUECKE - SWITZERLAND	Traction	2015
Mapna MRC	KARAJ METRO LINE 2 - IRAN	Traction	2015
Ozgen Grup	ANTALYA TRAMWAY - TURKEY	Traction	2016
Ozgen Grup	ANTALYA TRAMWAY - TURKEY	Auxiliary	2016
Farab	IMAM KHOMEINI AIRPORT TEHERAN METRO - IRAN	Traction	2016
Ansaldo STS S.p.A.	METRO MILANO LINE 4 - ITALY	Auxiliary	2016
Cegelec	METRO ROTTERDAM - HOEKSE LIJN	Traction	2016
Cegelec	METRO ROTTERDAM - HOEKSE LIJN	Auxiliary	2016
Colas Rail Algerie	METRO ALGERI - EXTENSION LINES A AND C	Traction	2016
Ansaldo STS S.p.A.	METRO COPENAGHEN - DENMARK	Auxiliary	2016
TET ESTEL	TALLIN TRAMWAY - ESTONIA	Traction	2016
TET ESTEL	TALLIN TRAMWAY - ESTONIA	Auxiliary	2016
Kummler + Matter	RAILWAY MONTREUX - SWITZERLAND	Traction	2016
Kummler + Matter	RAILWAY MONTREUX - SWITZERLAND	Auxiliary	2016
Mapna MRC	TEHERAN METRO Line 6 - IRAN	Traction	2016
EP UTE U141 - Tbilisi Metro	METRO TBLISI line 2 - GEORGIA	Traction	2016
EP UTE U141 - Tbilisi Metro	METRO TBLISI line 2 - GEORGIA	Auxiliary	2016
Mont-Ele S.r.l.	ITALIAN RAILWAY	Traction	2016
Mont-Ele S.r.l.	ITALIAN RAILWAY	Auxiliary	2016
Ansaldo STS S.p.A.	METRO NAPOLI - ITALY	Traction	2017
Ansaldo STS S.p.A.	METRO NAPOLI - ITALY	Auxiliary	2017

Siemens S.A.	METRO MALLORCA	Traction	2017
Sampol Ingenieria Y Obras, S.A.	METRO MALLORCA	Auxiliary	2017
UTE Electrificacion Enllaac SA Pobra	METRO MALLORCA	Traction	2017
UTE Electrificacion Enllaac SA Pobra	METRO MALLORCA	Auxiliary	2017
UTE Instalaciones Zona Franca	METRO BARCELONA	Auxiliary	2017
Mont-Ele S.r.l.	SWITZERLAND RAILWAYS	Traction	2017
Secheron S.A.	SWITZERLAND RAILWAYS	Traction	2017
Sebab S.r.l.	METRO STOCKHOLM	Traction	2017
Sebab S.r.l.	METRO STOCKHOLM	Auxiliary	2017
Colas Rail Maroc	TRAMWAY CASABLANCA	Traction	2017
Colas Rail Maroc	TRAMWAY CASABLANCA	Auxiliary	2017
Ansaldo STS S.p.A.	METRO COPENAHGEN - NORDHVN + SIDHVN EXTENSION	Traction	2017
Ansaldo STS S.p.A.	METRO COPENAHGEN - NORDHVN + SIDHVN EXTENSION	Auxiliary	2017
Ansaldo STS S.p.A.	METRO MILANO - LINEA 4	Auxiliary	2017
Secheron S.A.	MRT2 MALAYSIA	Traction	2017
Montele	ITALIAN RAILWAY	Traction	2017
COET	LRT JAKARTA-Korodor 1	Traction	2018
Montele	RAILWAY TAIPEI- SANYI	Traction	2018
Siemens Mobility	METRO QUITO	Auxiliary	2018
Secheron S.A.	MRT3 MALAYSIA	Inverter	2018
AKTIF	ANTALYA TRAMWAY	Traction	2018
AKTIF	ANTALYA TRAMWAY	Auxiliary	2018
Hamburger Hochbahn AG	HAMBURG TRAMWAY	Auxiliary	2018
Hitachi Rail STS	METRO NAPOLI - ITALY	Auxiliary	2018
TSO Catenaires	METRO GRENOBLE	Traction	2018
TSO Catenaires	METRO GRENOBLE	Auxiliary	2018
Alstom Ferroviaria	Italian High Speed Train	Traction	2019
Siemens WLL	Education City Ligth Metro - DOHA	Traction	2019
EL INSTA	METRO PRAGUE	Traction	2019
EL INSTA	METRO PRAGUE	Auxiliary	2019
Siemens Mobility	METRO OSLO	Traction	2019
Siemens Mobility	METRO OSLO	Auxiliary	2019
Colas Rail Tunisie	METRO TUNIS	Auxiliary	2019
EITECH Engineering AB	METRO STOCKHOLM	Traction	2019

CEGELEC	METRO ROTTERDAM	Traction	2019
Colas Rail Chili	METRO SANTIAGO L2	Traction	2019
Colas Rail Chili	METRO SANTIAGO L2	Auxiliary	2019
Bouygues Energie & Services	Tramway Paris T12	Traction	2019
Bouygues Energie & Services	Tramway Paris T12	Auxiliary	2019
Elecnor	AVE - High Speed Train - Spain	Auxiliary	2019
Bouygues Energie & Services	Tramway Paris T13	Traction	2019
Bouygues Energie & Services	Tramway Paris T13	Auxiliary	2019
Colas Rail Maroc	TRAMWAY CASABLANCA	Traction	2019
MONT-ELE	METRO SANYING	Traction	2019
Generale Costruzioni Ferroviarie	Italian Railway	Auxiliary	2019
Control Y Montajes Industriales CYM	Metro Barcelona	Auxiliary	2019
Hamburger Hochbahn AG	HAMBURG TRAMWAY	Auxiliary	2019
Efacec	Metro Bergen	Traction	2020
EL INSTA	Ostrava Tramway	Traction	2020
Siemens Mobility	Metro Oslo	Traction	2020
Siemens Mobility	Metro Oslo	Auxiliary	2020
Efacec	Metro Cadiz	Traction	2020
UTE Subestaciones Ave Extremadura	Spanish Railway	Auxiliary	2020
ABB AS	Metro Bergen	Traction	2020
ABB AS	Metro Bergen	Auxiliary	2020
Secheron	Metro Kuala Lumpur	Inverter	2020
Colas Rail Italia	Italian railway	Auxiliary	2020
Secheron	Swiss railway	Traction	2020
Energel	Tramway Helsinki	Traction	2020
Energel	Tramway Helsinki	Auxiliary	2020
Sebab	Metro Gotheborg	Auxiliary	2020
Sebab	Metro Stockholm	Traction	2020
Sebab	Metro Stockholm	Auxiliary	2020
Scuotto Impianti	Metro Napoli	Auxiliary	2020
El-Insta	Metro Prague	Traction	2020
El-Insta	Metro Prague	Auxiliary	2020
Colas Rail Italia	Italian Railway	Auxiliary	2020
Harju Elekter	Metro Stockholm	Traction	2021



Harju Elekter	Metro Stockholm	Auxiliary	2021
Malthe Winje Automasjon AS	Trondheim Tramway - Gråkallbanen	Traction	2022
Energel Oy	Helsinki Tramway - Kalasatama Ka-Pa project	Traction	2022
RHOMEFA JV CRSH4 I/S	Metro Copenhagen - CITYRINGEN	Traction	2022
RHOMEFA JV CRSH4 I/S	Metro Copenhagen - CITYRINGEN	Auxiliary	2022
OZGEN	Cigli Tramway	Traction	2022
OZGEN	Cigli Tramway	Auxiliary	2022
EZE Insaat	Gebze Darica Metro	Traction	2022
EZE Insaat	Gebze Darica Metro	Auxiliary	2022
EMRE RAY	Izmit Metro	Traction	2022

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